

# Amanisai Pokala

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## SUMMARY

Motivated Software Engineer with hands-on experience in full-stack development, API integration, and cloud-based application building. Skilled in Java, Spring Boot, React, Python, and SQL with strong problem-solving abilities and experience gained through multiple virtual internships in AI, ML, Data Engineering, and Process Mining. Committed to writing clean, efficient code and contributing to high-quality software solutions.

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## EXPERIENCE

### Java Full Stack Engineer Intern

Apexnuera Technologies Pvt. Ltd.

May 2025 - November 2025, Machilipatnam, Andhra Pradesh

- Developed and enhanced Java Spring Boot APIs, improving backend performance and reducing response time by **20%**.
- Built and optimized responsive UI components using HTML, CSS, JavaScript, and React, increasing user interaction efficiency by **30%**.
- Collaborated with a cross-functional team to debug and resolve issues, reducing overall bugs by **40%** and ensuring smooth integration of frontend and backend systems.

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## PROJECT

### Smart SDLC – AI Enhanced Software Development Lifecycle

SmartInternz • [github.com/Amanisai/SmartSDLC-AI-Enhanced-Software-Development-Life-Cycle](https://github.com/Amanisai/SmartSDLC-AI-Enhanced-Software-Development-Life-Cycle) • April 2025 - June 2025

- Developed interactive dashboards and modules using **HTML, CSS, JavaScript, and Python** to visualize project metrics and streamline development stages.
- Integrated machine learning components to generate intelligent recommendations for defect prediction and sprint planning, reducing manual effort by **30%**.
- Collaborated with a 3-member team to structure milestones, prepare reports, and maintain project documentation for all SDLC phases.

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## EDUCATION

### Bachelor's of Technology

Minor in Computer Science and Engineering • Sri Vasavi Institute of Engineering and Technology JNTUK • Nandamuru, Andhra Pradesh

- 2026 • 8.08
- Awarded full scholarship due to grades

### Intermediate

Minor in Mathematics, Physics and Chemistry • Narayana Junior College • Tarnaka, Hyderabad • 2022 • 8.39

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## CERTIFICATIONS

### GOOGLE CLOUD GENERATIVE-AI VIRTUAL INTERNSHIP

Google Cloud • 2024

- Completed hands-on training in Google Cloud's Generative AI tools and LLM development, gaining practical experience in model building, prompt engineering, and deploying AI solutions using Vertex AI.

### AWS DATA ENGINEERING VIRTUAL INTERNSHIP

aws academy • 2024

- Gained hands-on experience in AWS data engineering concepts by working with services like S3, Glue, Lambda, and Redshift to build, transform, and manage scalable data pipelines.

### GOOGLE AI-ML VIRTUAL INTERNSHIP

Google for Developers • 2024

- Completed practical training in machine learning fundamentals, model development, and evaluation using Python, gaining hands-on experience with supervised and unsupervised ML techniques through Google's AI-ML program.

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## SKILLS

**Frontend:** HTML, CSS, JavaScript, React.

**Database:** MySQL, PostgreSQL.

**Programming Languages:** Python, Java, JavaScript, Data Science, Full Stack

**AI & ML:** Machine Learning Basics, Data Preprocessing.  
**Tools & Platforms:** Git, GitHub, VS Code.  
**Core Skills:** Problem solving, Communication, Teamwork.

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